

# IFW

Effective on 12/08/04

**FEE TRANSMITTAL SHEET  
(FY 2006)****Complete if Known**

Application No.	09/825,184
Filing Date	April 2, 2001
First Inventor	Edward Lo
Group Art Unit	2155
Examiner Name	Bharat Barot
Atty. Docket Number	500742.01

☐ Applicant claims small entity status (see 37 C.F.R. 1.27)**METHOD OF PAYMENT (Check One)**

☒ The Director is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No. **50-1266**; Deposit Account Name: **DORSEY & WHITNEY LLP**.

☒ Check Enclosed.**Extra Claim Fees**

Current Claims	Prior	Extra	Fee	Fee Paid
Total	20		x \$	= \$
Ind.	3		x \$	= \$
Multiple Dependent Claims			x \$	= \$
<b>Subtotal (Extra Claims)</b>				<b>\$0</b>

**Petition Fee Under 37 CFR 1.17(f), (g), & (h)**

Enclosed is a Petition filed under 37 CFR as indicated below:

☐ Petition Fee under 37 CFR 1.17(f) **Fee \$400**

§ 1.53(e) to accord a filing date.  
§ 1.57(a) to accord a filing date.  
§ 1.182 for decision on a question not provided for.  
§ 1.183 to suspend the rules.  
§ 1.378(e) for reconsideration of decision on petition refusing delayed payment of maintenance fee in expired patent.  
§ 1.174(b) to accord a filing date to an application under § 1.740 for extension of patent term.

☐ Petition Fee under 37 CFR 1.17(g) **Fee \$200**

§ 1.12 for access to an assignment record.  
§ 1.14 for access to an application.  
§ 1.47 for filing by other than all inventors or person not the inventor.  
§ 1.59 for expungement of information.  
§ 1.103(a) to suspend action in an application.  
§ 1.136(b) for review of a request for ext. of time when § 1.136(a) not avail.  
§ 1.295 for review of refusal to publish a statutory invention registration.  
§ 1.296 to withdraw a req. for pub. after notice of intent to publish issued.  
§ 1.377 for review of decision refusing to accept a maintenance fee filed prior to expiration of a patent.  
§ 1.550(c) for request for ext. of time in *ex parte* reexam. proceedings.  
§ 1.956 for request for ext. of time in *ex parte* reexam. proceedings.  
§ 5.12 for expedited handling of foreign filing license.  
§ 5.15 for changing the scope of a license.  
§ 1.5.25 for retroactive license.

☐ Petition Fee under 37 CFR 1.17(h) **Fee \$130**

§ 1.19(g) to request documents in a form other than provided in this part.  
§ 1.84 for accepting color drawings or photographs.  
§ 1.91 for entry of a model or exhibit.  
§ 1.102(d) to make an application special.  
§ 1.138(c) to expressly abandon an application to avoid publication.  
§ 1.313 to withdraw an application from issue.  
§ 1.314 to defer issuance of a patent.

**FEE CALCULATION (Continued)****3. ADDITIONAL FEES**

Large Entity Fee	Small Entity Fee	Fee Description	Fee paid
50	25	Surcharge - late provisional filing fee or cover sheet	\$
130	65	Surcharge - Late nonprovisional filing fee or oath	\$
180	180	Submission of IDS	\$180
40	40	Recording each patent assignment per property (times number of properties)	\$
120	60	Extension for reply within first month	\$
450	225	Extension for reply within second month	\$
1,020	510	Extension for reply within third month	\$
1,590	795	Extension for reply within fourth month	\$
2,160	1,080	Extension for reply within fifth month	\$
790	395	Submission After Final 1.129	\$
500	250	Notice of Appeal	\$
500	250	Filing a brief in support of an appeal	\$
1,000	500	Request for oral hearing	\$
130	65	Terminal Disclaimer Fee	\$
800	400	Design Issue Fee	\$
790	395	Request for Continued Examination (RCE)	\$
130		Request for voluntary publication or republication	\$
500	250	Petition to Revive - unavoidable	\$
1,500	750	Petition to Revive - unintentional	\$
200		Filing for patent term adjustment	\$
400		Request for reinstatement of term reduced	\$
1,120		Extension of term of patent	\$

OTHER FEE  
(specify)**Subtotal (Additional Fees) \$180****Total Amount of Payment: \$180**

Submitted by:

CUSTOMER NUMBER  
**27,076**

DORSEY &amp; WHITNEY LLP

1420 Fifth Avenue, Suite 3400  
Seattle, WA 98101-4010  
(206) 903-8800 phone / (206) 903-8820 fax

Name: Kimton N. Eng

Reg. No.: 43,605

Signature: 

Date:

May 22, 2006



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

May 22, 2006  
Date

Ayesha J. Shaikh  
Ayesha J. Shaikh

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 09/825,184

Confirmation No. : 1685

Applicants : Edward Lo and Fred Wu

Filed : April 2, 2001

Attorney Docket No.: 500742.01

Art Unit : 2155

Customer No. : 27,076

Examiner : Bharat Barot

Title : SYSTEMS AND METHODS FOR ENHANCING CONNECTIVITY BETWEEN A  
MOBILE WORKFORCE AND A REMOTE SCHEDULING APPLICATION

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references, as required under 37 C.F.R. § 1.98, are enclosed). Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believes that their invention is patentable.

A fee of \$180 is submitted in accordance with 37 C.F.R. § 1.97(c). The Commissioner is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 50-1266. A duplicate copy of this sheet is enclosed.

05/26/2006 FFANAEIA 00000017 09825184

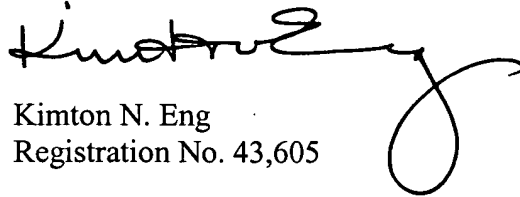
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180.00 0P

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP

A handwritten signature in black ink, appearing to read 'Kimton N. Eng', with a large, stylized loop at the end.

Kimton N. Eng  
Registration No. 43,605

KNE:ajs

Enclosures:

- Postcard
- Check
- Fee Transmittal Sheet (+ copy)
- Copy of Supplemental Information Disclosure Statement
- Form PTO-1449
- Cited References (35)

1420 Fifth Avenue, Suite 3400  
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Telephone (206) 903-8800  
Facsimile (206) 903-8820

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FORM PTO-1449 (REV.7-80)  <b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. <b>500742.01</b>	APPLICATION NO. <b>09/825,184</b>
	APPLICANT(S) <b>Edward Lo and Fred Wu</b>		
	FILING DATE <b>April 2, 2001</b>	GROUP ART UNIT <b>2155</b>	

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,289,368	02/22/94	Jordan et al.	364	401	
	AB	5,467,268	11/14/95	Sisley et al.	364	401	
	AC	5,920,846	07/06/99	Storch et al.	705	7	
	AD	6,016,477	01/18/00	Ehnebuske et al.	705	7	
	AE	6,278,978 B1	08/21/01	Andre et al.	705	9	
	AF	6,473,748 B1	10/29/02	Archer	706	45	
	AG	6,532,465 B2	03/11/03	Hartley et al.	707	10	
	AH	6,745,381 B1	06/01/04	Ehnebuske et al.	717	100	
	AI	6,754,321 B1	06/22/04	Innes et al.	379	201.03	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AJ	WO 00/28451 A3	05/18/00	PCT			X	
	AK	WO 00/68856	11/16/00	PCT			X	
	AL	WO 00/68859	11/16/00	PCT			X	
	AM							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

AN	Aytug, H. et al., "A Review of Machine Learning in Scheduling", IEEE Transactions on Engineering Management, Vol. 41, No. 2, May 1994. pp. 165-171.
AO	"Connectria Unveils ServeClick to Enable the Next Wave of E-Commerce - 'E-Scheduling' of Services, Appointments & Reservations", Business Wire, New York, January 4, 2000. Two pages
AP	"DeliveryNet for Home Delivery", www.Descartes.com, e-Fulfillment Solutions, March 20, 2000. Nine pages.
AQ	De Serres, Y., "Simultaneous optimization of flow control and scheduling in queues", McGill University, Publication No. AAT NN72160, 1991. Abstract only, one page.

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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**OTHER PRIOR ART** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

AR	DiCarlo, L., "Connectria: E-scheduling is next big thing", eWeek, March 20, 2000. pp. 1-3.
AS	Domenjoud, E. et al., "Generating feasible schedules for a pick-up and delivery problem", Proceedings of CP, Technical Report 98-R-142, April 1998. pp. 1-12.
AT	Dumas, Y. et al., "Pickup and Delivery Problem with Time Windows", European Journal of Operational Research, Vol. 54, No. 1, September 1991. Abstract only. One page.
AU	Marinho J. et al., "Decision Support System for Dynamic Production Scheduling", IEEE International Symposium on Assembly and Task Planning, July 1999. pp. 424-429.
AV	Martin, J., "Principles of Object-Oriented Analysis and Design", PTR Prentice Hall, New Jersey, 1993. pp. vii-xiii and 133-154.
AW	McFeely, D.J. et al., "Scheduling to Achieve Multiple Criteria in an Air Force Depot CNC Machine Shop", Production and Inventory Management Journal, Vol. 38, No. 1, First Quarter 1997. 72-79.
AX	"MenuHunter.com to Provide the Ultimate in Online Restaurant Reservations Using ServeClick from Connectria; Service to Handle Complex, Real-World Needs of Restaurants & Patrons", Business Wire, New York, February 1, 2000. Three pages.
AY	Mitrovic-Minic, S., "Pickup and Delivery Problem with Time Windows: A Survey", SFU CMPT TR 1998-12, ftp://fas.sfu.ca/pub/cs/techreports/1998, May 1998. pp. 1-43.
AZ	Nanry, W.P. et al., "Solving the pickup and delivery problem with time windows using reactive tabu search", Transportation Research, Part B, April 1999. pp. 107-121.
BA	Panwalker, S.S. et al., "A Survey of Scheduling Rules", Operations Research, Vol. 25, No. 1, January-February 1977. pp. 45-61.
BB	Pierreval, H. et al., "Dynamic Selection of Dispatching Rules for Manufacturing System Scheduling", International Journal Production Research, Vol. 35, No. 6, 1997. pp. 1575-1591.
BC	"RestaurantRow.com Selects ServeClick from Connectria to Power its Advanced Online Restaurant E-Scheduling", PR Newswire, New York, February 1, 2000. Three pages.
BD	Sciacca, P., "Webvan Gets E-Business Software for Expansion", Supermarket News, January 2000. Two pages.
BE	"SERVECLICK", U.S. Trademark Application 75914207, Applicant: Catalyst Solutions Group, Inc., filed February 9, 2000, abandoned February 17, 2001. One page.

EXAMINER	DATE CONSIDERED
<p>* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant(s).</p>	

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		FILING DATE April 2, 2001	GROUP ART UNIT 2155

**OTHER PRIOR ART** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

BF	"ServeClick.com" Web pages retrieved from archive.org on April 2006, ServeClick, 1999-2000. pp. 1-13.
BG	Solomon, M.M., "Algorithms for the Vehicle Routing and Scheduling Problems with Time Window Constraints", Operations Research, Vol. 35, No. 2, March-April 1987. pp. 254-265.
BH	Tkach, D. et al., "Visual Modeling Technique Object Technology Using Visual Programming", Addison-Wesley, 1996. pp. 324-336.
BI	"Vantive and MDSI to Provide Enterprise-Wide Wireless Field Service Solution", PR Newswire, New York, October 26, 1998. pp. 1-3.
BJ	Witt, C.E., "Update: Material Handling in the Food Industry", Material Handling Engineering, Vol. 54, No. 11, October 1999. Eleven pages.
BK	
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<p>* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant(s).</p>	